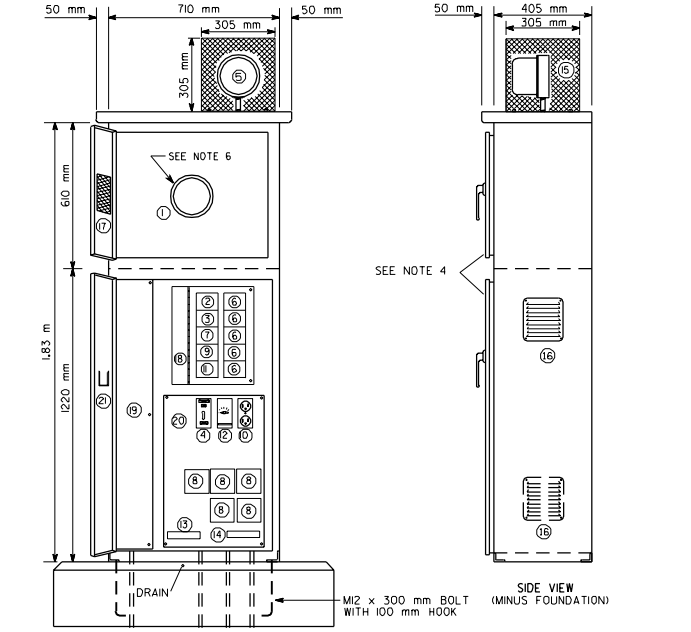


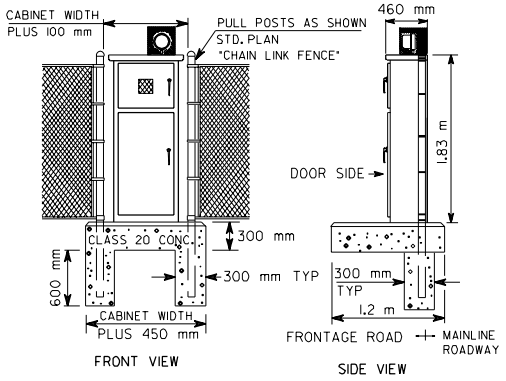
CABINET DETAIL

KEY

1. METER BASE PER SERVING UTILITY REQUIREMENTS. (WITH MANUAL BYPASS LEVER)
2. MAIN BREAKER (SEE BREAKER SCHEDULE)
3. PHOTOCELL BREAKER (SPST 15 AMP - 125 VOLT)
4. TEST SWITCH (SPST 10 AMP - 125 VOLT 'T' RATED)
5. PHOTO ELECTRIC CONTROL, STD. SPEC. 9 - 29.11(2)
6. BRANCH BREAKER (SEE BREAKER SCHEDULE)
7. SIGNAL BREAKER (SEE BREAKER SCHEDULE)
8. CONTACTOR (SEE BREAKER SCHEDULE)
9. RECEPTACLE BREAKER (20 AMP - 125 VOLT)
10. RECEPTACLE, GROUNDED (20 AMP - 120 VOLT)
11. HEATER BREAKER (SPST 15 AMP - 125 VOLT)
12. THERMOSTAT, 8°C CLOSURE - 3 DIFFERENTIAL
13. STRIP HEATER (100 WATT NOMINAL), WITH TERMINAL STRIP COVER
14. NEUTRAL BUSS, 10 LUG COPPER
15. PHOTOCELL ENCLOSURE - ENCLOSURE TO BE FABRICATED FROM 16 mm EXPANDED STEEL MESH WITH WELDED SEAMS AND MOUNTING FLANGES. HOT DIP AFTER FABRICATION. SEE PHOTOCELL ENCLOSURE MOUNTING DETAIL, STANDARD PLAN J-3b.
16. SCREENED VENTS, 2 REQUIRED, 1 EACH SIDE, LOUVERED PLATES.
17. HINGED FRONT FACING DOOR WITH 150 mm x 150 mm MIN POLISHED WIRE GLASS WINDOW
18. HINGED DEAD FRONT WITH 1/4 TURN FASTENERS
19. 150 mm x 150 mm MIN UNDERGROUND FEED - SERVICE WIREWAY (LEFT REAR CORNER)
20. REMOVABLE EQUIPMENT MOUNTING PAN
21. METAL WIRING DIAGRAM HOLDER

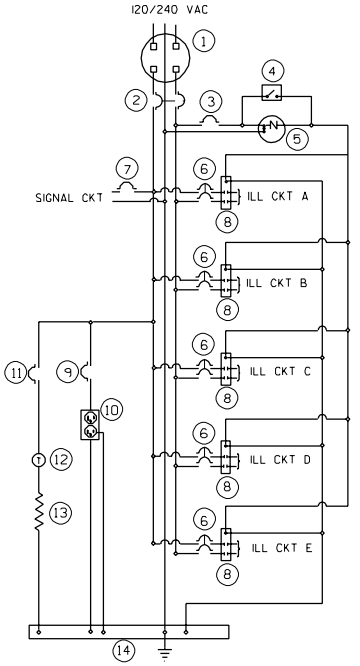
GENERAL NOTES

1. SEE DIVISION 9, SERVICE CABINETS, IN THE STANDARD SPECIFICATIONS.
2. HINGES SHALL HAVE STAINLESS STEEL PINS.
3. CABINETS SHALL BE RATED NEMA 3R AND SHALL INCLUDE TWO RAIN TIGHT VENTS.
4. EACH DOOR SHALL BE PADLOCKABLE AND AND GASKETED. INSTALL BEST CX CONSTRUCTION CORE ON BOTTOM DOORS. SEE DOOR HINGE DETAIL, STANDARD PLAN J-3b.
5. THE FOLLOWING EQUIPMENT WITHIN THE SERVICE ENCLOSURE SHALL HAVE AN APPROPRIATELY ENGRAVED PHENOLIC NAME PLATE (ATTACHED WITH SCREWS OR RIVETS.) KEY NUMBERS 2, 3, 4, 6, 7, 8, 9 AND 11.
6. METERING ARRANGEMENTS VARY WITH DIFFERENT SERVING UTILITIES. THE UTILITY MAY REQUIRE METER BASE MOUNTING IN THE ENCLOSURE, ON THE SIDE OR ON THE BACK OF THE ENCLOSURE. THE CONTRACTOR SHALL VERIFY THE SERVING UTILITY'S REQUIREMENTS PRIOR TO INSTALLING THE SERVICE EQUIPMENT.
7. DIMENSIONS SHOWN ARE NOMINAL AND SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS SIZES OF EQUIPMENT INSTALLED BY THE CONTRACTOR.
8. ALL BUSSWORK SHALL BE HIGH GRADE COPPER AND SHALL EQUAL OR EXCEED THE MAIN BREAKER RATING. ALL BREAKERS SHALL BOLT ONTO THE BUSSWORK. JUMPERING OF BREAKERS SHALL NOT BE ALLOWED.
9. THE PHOTOCELL UNIT SHALL BE CENTERED IN THE PHOTOCELL ENCLOSURE TO PERMIT 360 DEGREE ROTATTION OF THE PHOTOCELL WITHOUT REMOVAL OF THE PHOTOCELL UNIT OR THE PHOTOCELL ENCLOSURE.
10. ALL INTERNAL WIRE RUNS SHALL BE IDENTIFIED WITH "TO - FROM" CODED TAGS LABELLED WITH THE CODE LETTERS AND/OR. NUMBERS SHOWN ON THE SCHEDULES. APPROVED PVC WIRE MARKING SLEEVES SHALL SHALL BE USED.
11. THE PHOTOCELL CIRCUIT SHALL BE INSTALLED IN FLEX CONDUIT WITHIN THE METER COMPARTMENT.
12. ALL NUTS, BOLTS AND WASHERS USED FOR MOUNTING THE PHOTOCELL ENCLOSURE SHALL BE STAINLESS STEEL.
13. A 1% TOLERANCE IS ALLOWED ON ALL DIMENSIONS.



NOTE INSTALL FOUNDATION AS SLAB SECTION UNLESS IDENTIFIED FOR CONSTRUCTION IN FENCE LINE IN CONTRACT PLANS.

INSTALLATION DETAIL



WIRING SCHEMATIC

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

TYPE D SERVICE

STANDARD PLAN J-3c

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER DATE

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON